

TREATING NEUROLOGICAL DISORDERS USING HUMAN APOPTOSIS INHIBITING PROTEIN

ABSTRACT

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The invention relates to methods of using full length amino acid sequence and cDNA sequence of protein human JNK interacting protein (hJIP1) islet brain 1 (IB1) to treat neurological disorders in human subjects. In an *in vitro* model of the apoptosis pathway, hJIP-1/IB1 inhibits phosphorylation of the transcription factor c-Jun in a dose-dependent manner.

10 The invention includes antibodies that specifically bind to hJIP-1/IB1.

11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100